

Collaborative Tools



What are Collaborative Planning Tools?

Joint Collaborative Planning Tools

- Collaborative Planning Tools are hardware and software designed for Local Area Networks, Wide Area Networks and the Internet/Sipernet providing *real-time* conferencing solutions for all users with multi-point data conferencing, text chat, whiteboard, and file transfer, as well as point-to-point audio and video.

Remember, "DCTS is not a single product, rather, it is an evolving set of open standards within which standards-based products can interoperate".



Tasking

Joint Collaborative Planning Tools

JROCM 021-00 dated 11 Feb 00

“...Currently, fielded planning systems are not interoperable, and inhibit the CINCs’ ability to efficiently carry out operations. In that light, further assessment is warranted regarding the technical solutions to the functional requirements outlined by the Joint Staff and ASD (C3I). *This assessment should explore the merits of a long-term enforceable, DOD collaborative planning system standard and identify a feasible near-term solution enabling real-time planning from geographically dispersed locations.* The Joint Staff, DJ-6 will lead this effort with representation from OSD, the Joint Staff, CINCs, Services, and Agencies.”

Joseph W. Ralston, GEN, USAF, JROC Chairman

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Latest Software List

- Client Software List
 - Microsoft Net Meeting (v 3.01 patch 4.4.3385)
www.microsoft.com
 - Microsoft Internet Explorer (v 5.5)
www.microsoft.com
 - Sun Microsystems Sun Forum (v 3.1)
www.sun.com
 - Netscape (v 6.23) www.netscape.com
 - Asynchrony Envoke Client (v 1.1.4)
www.asynchrony.com

Description

The Lab will examine capabilities to support three areas of collaborative planning:

- CONUS to Seabase
- Within the Seabase
- Seabase to Objective

Collaborative Tools

To carry out collaborative planning, the following tools will be utilized:

- Microsoft NetMeeting Server
- Web sites, News groups, E-mail
- Chat, Whiteboard, VTC, FTP
- VRC-99 Radio

VRC-99x

- Shipboard config
- 1200-2000 MHz
- Burst rate 625 kbps
- Data rate to 10Mbps
- Embedded Type I
- LPI/AJ



Wired vs Wireless

- Very different worlds
 - Packet loss
 - Latency
- TCP/IP “Spiral death”
- VRC-99
 - Packet size

Questions?